

**Annual Report of Major Outputs & Outcomes
July 2012 to June 2013
Illinois Occupational Safety and Health Surveillance
5U60OH009850-03
PI: Linda Forst**

MAJOR OUTPUTS

Publications

Forst L, Masters D, Zanoni J, Avila S, Chaidez F, Miller A. Medical interpretation for immigrant workers. *New Solut.* 2012;22(1):37-50. doi: 10.2190/NS.22.1.d.

Friedman LS, Ruestow P, Forst L. Analysis of ethnic disparities in workers' compensation claims using data linkage. *J Occup Environ Med.* 2012 Oct;54(10):1246-52. doi: 10.1097/JOM.0b013e31825a34d1.

Friedman LS. Dose--response relationship between in-hospital mortality and alcohol following acute injury. *Alcohol.* 2012 Dec;46(8):769-75. doi: 10.1016/j.alcohol.2012.08.006. Epub 2012 Oct 22.

Ruestow PS, Friedman LS. Characterizing the relationship between in-hospital measures and workers' compensation outcomes among severely injured construction workers using a data linkage strategy. *Am J Ind Med.* 2013 Jun 3. doi: 10.1002/ajim.22212. [Epub ahead of print]

Presentations

Allegretti-Browning A, Friedman L. Occupational Poisonings Using Data Linkage of Poison Center and Hospital Discharge Data. Presented at American Occupational Health Conference, Orlando, May 2013.

Forst L. Occupational Surveillance in Illinois. Presented to the new Director of the Illinois Department of Public Health, March 2013.

Reports

Occupational Health Indicators, 2010. Reported to NIOSH, State Based Surveillance

Occupational Hazards at Menard Correctional Facility: Report to Illinois Central Management Services on a study of excess upper extremity conditions among correctional officers. September, 2012.

Annual Report to the Illinois Workers Compensation Commission for calendar year 2012, January 2013.

Occupational Health Indicators in the WHO's ICD 11. Participant (Forst), Working Group, Geneva. Ongoing

ILO List of Occupational Diseases for International Labor Organization, Working Group, Geneva. Ongoing

Forst L, Editor, "Recording and Notification of Occupational Accidents and Diseases." International Labor Organization, Geneva, 2013.
http://www.ilo.org/safework/info/publications/WCMS_210950/lang--en/index.htm

Press Interviews

Forst, L. Ninety-eight minutes. Temp Workers. WBEZ (NPR station in Chicago)
<http://www.wbez.org/news/98-minutes-radio-story-104504>. Journalist: Chip Mitchell

Forst L. Temp Worker Injuries. December, 2012. Propublica reporter, Rick Morris.

Website

<http://illinoisinjuryprevention.org/> Note: we are moving and re-populating site; will be completed by Oct 15, 2013.

Facebook: We are adding our surveillance articles (publications, above) to our ERC Facebook site <https://www.facebook.com/illinois.erc>

Partnerships

We continue to partner with State agencies and other stakeholders to complete occupational surveillance and intervention activities.

Illinois Department of Labor: We met to discuss health and safety interventions in the public sector and temporary employment agencies

Illinois Workers Compensation Commission: We are providing assistance on organizing data for State level reporting

Illinois Central Management Services: Conducted an epidemiological study and a workplace walkthrough of Menard Correctional Facility

Illinois Department of Public Health: We brought IDPH personnel to the CSTE and SBS meetings; we applied for a CSTE Epidemiology Fellow in partnership with UIC and IDPH (unsuccessful)

Worker Centers: Latino Union, Arise Chicago, Chicago Workers Collaborative: We wrote one grant proposal for personal protective equipment to Home Depot Foundation (not funded). We brought personnel from the Illinois Workers Compensation Commission to meet with workers at Latino Union. We brought OHIP interns to Chicago to work with CWC.

Training of Public Health Students in Occupational Surveillance

Many public health students, including NIOSH trainees, were trained on Occupational Injury Surveillance based on the work of this project. Individual, unpublished projects include:

Injury Epidemiology Course Projects

- Tran, Molly, MD. OM Resident. Workers comp injuries among health care workers.
- Nobis, Ana, MD, OM Resident. Occupational illnesses and injuries among farmworker youth
- Vu, Lyndsey, MBBS. MPH candidate. Suicides among Asian Americans in the trauma registry
- Krajewski, Allison, PhD candidate. Occupational injuries in the Illinois trauma registry
- Allegretti-Browning, Amy, MD. Occ Med Resident. The value of poison centers input in treatment of occupational injuries.
- Harris, Anthony, MD. Occ Med Resident. Cost of triaging occupational injuries.

MPH Capstone Projects

- Olaworetan, Elizabeth. Occupational injuries in Illinois youth
- Vora, Viraj. Occupational facial injuries in the Illinois Trauma Registry

Occupational Surveillance Targeted Research Training (TRT)

We have a targeted research training group to build occupational surveillance skills among matriculated students. Ten students participated in our TRT group in 2012-3. We had 10 sessions to conduct a community assessment of the 60612 zipcode in Chicago. We searched online for data on businesses, risk factors, occupational illnesses and injuries, employment, and demographics for this zipcode and completed a community level occupational health assessment. This was a training exercise for students on finding, manipulating, analyzing, and interpreting data related that could be used for occupational surveillance at the community level.

OUTCOME

Two MDs have graduated from the program and are working in Occupational Health careers where they are able to apply knowledge gained during surveillance training. (The remainder are still in training).